Connecting via Winsock to STN

Welcome to STN International! Enter x:

Welcome to STN International! Enter x:

Welcome to STN International! Enter x:

Sorry. Your logon could not be completed because
no recognized response was received from the gateway system.
Please check the gateway "Prompt Characters strings".

Welcome to STN International! Enter x:X

LOGINID:SSPTASXB1612

PASSWORD:
TERMINAL (ENTER 1, 2, 3, OR ?):2

* * * * * * * * * * Welcome to STN International * * * * * * * * * *

NEWS 1		Web Page for STN Seminar Schedule - N. America
NEWS 2	JAN 12	Match STN Content and Features to Your Information Needs, Quickly and Conveniently
NEWS 3	JAN 25	Annual Reload of MEDLINE database
NEWS 4	FEB 16	STN Express Maintenance Release, Version 8.4.2, Is Now Available for Download
NEWS 5	FEB 16	Derwent World Patents Index (DWPI) Revises Indexing of Author Abstracts
NEWS 6	FEB 16	New FASTA Display Formats Added to USGENE and PCTGEN
NEWS 7	FEB 16	INPADOCDB and INPAFAMDB Enriched with New Content and Features
NEWS 8	FEB 16	INSPEC Adding Its Own IPC codes and Author's E-mail Addresses
NEWS 9	APR 02	CAS Registry Number Crossover Limits Increased to 500,000 in Key STN Databases
NEWS 10	APR 02	PATDPAFULL: Application and priority number formats enhanced
NEWS 11	APR 02	DWPI: New display format ALLSTR available
NEWS 12	APR 02	New Thesaurus Added to Derwent Databases for Smooth Sailing through U.S. Patent Codes
NEWS 13	APR 02	EMBASE Adds Unique Records from MEDLINE, Expanding Coverage back to 1948
NEWS 14	APR 07	CA/CAplus CLASS Display Streamlined with Removal of Pre-IPC 8 Data Fields
NEWS 15	APR 07	50,000 World Traditional Medicine (WTM) Patents Now Available in CAplus
NEWS 16	APR 07	MEDLINE Coverage Is Extended Back to 1947

NEWS EXPRESS FEBRUARY 15 10 CURRENT WINDOWS VERSION IS V8.4.2,
AND CURRENT DISCOVER FILE IS DATED 15 JANUARY 2010.

NEWS HOURS	STN Operating Hours Plus Help Desk Availability
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Enter NEWS followed by the item number or name to see news on that

specific topic.

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* * * * * * * * * * * * * * * * STN Columbus * * * * * * * * * * * * * * * *

FILE 'HOME' ENTERED AT 08:20:26 ON 19 MAY 2010

=> file registry
COST IN U.S. DOLLARS

	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	0.66	0.66

FILE 'REGISTRY' ENTERED AT 08:22:25 ON 19 MAY 2010
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.
PLEASE SEE "HELP USAGETERMS" FOR DETAILS.

Property values tagged with IC are from the ZIC/VINITI data file provided by InfoChem.

STRUCTURE FILE UPDATES: 18 MAY 2010 HIGHEST RN 1224564-83-3
DICTIONARY FILE UPDATES: 18 MAY 2010 HIGHEST RN 1224564-83-3

New CAS Information Use Policies, enter HELP USAGETERMS for details.

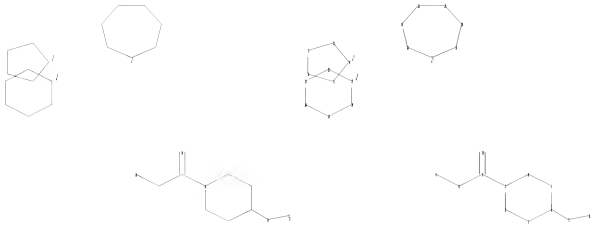
TSCA INFORMATION NOW CURRENT THROUGH January 8, 2010.

Please note that search-term pricing does apply when conducting SmartSELECT searches.

REGISTRY includes numerically searchable data for experimental and predicted properties as well as tags indicating availability of experimental property data in the original document. For information on property searching in REGISTRY, refer to:

http://www.cas.org/support/stngen/stndoc/properties.html

=>
Uploading C:\Program Files\STNEXP\Queries\10579042 B.str



chain nodes :
7 8 9 10 11 12
ring nodes :
1 2 3 4 5 6 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29
30 31
chain bonds :
3-7 6-11 7-8 7-10 8-9 11-12
ring bonds :
1-2 1-6 2-3 3-4 4-5 5-6 14-15 14-18 15-16 16-17 17-18 19-20 19-24
20-21 21-22 22-23 23-24 25-26 25-31 26-27 27-28 28-29 29-30 30-31
exact/norm bonds :
1-2 1-6 2-3 3-4 3-7 4-5 5-6 6-11 7-10 8-9 11-12 14-15 14-18 15-16
16-17 17-18 19-20 19-24 20-21 21-22 22-23 23-24 25-26 25-31 26-27 27-28
28-29 29-30 30-31
exact bonds :
7-8

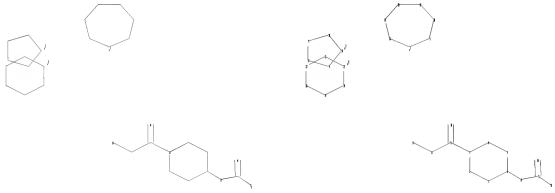
G1:Ph,Cb

G2:Ph,[*1],[*2],[*3]

Match level :
1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:CLASS 8:CLASS 9:CLASS 10:CLASS
11:CLASS 12:CLASS 14:Atom 15:Atom 16:Atom 17:Atom 18:Atom 19:Atom 20:Atom
21:Atom 22:Atom 23:Atom 24:Atom 25:Atom 26:Atom 27:Atom 28:Atom 29:Atom
30:Atom 31:Atom

L1 STRUCTURE UPLOADED

=>
Uploading C:\Program Files\STNEXP\Queries\10579042 C.str



```
chain nodes :
7  8  9  10  11  12  36  38
ring nodes :
1  2  3  4  5  6  14  15  16  17  18  19  20  21  22  23  24  25  26  27  28  29
30  31
chain bonds :
3-7  6-11  7-8  7-10  8-9  11-12  12-36  12-38
ring bonds :
1-2  1-6  2-3  3-4  4-5  5-6  14-15  14-18  15-16  16-17  17-18  19-20  19-24
20-21  21-22  22-23  23-24  25-26  25-31  26-27  27-28  28-29  29-30  30-31
exact/norm bonds :
1-2  1-6  2-3  3-4  3-7  4-5  5-6  6-11  7-10  8-9  11-12  12-36  12-38  14-15
14-18  15-16  16-17  17-18  19-20  19-24  20-21  21-22  22-23  23-24  25-26  25-31
26-27  27-28  28-29  29-30  30-31
exact bonds :
7-8


G1:Ph,Cb

G2:Ph,[*1],[*2],[*3]

G3:C,N

Match level :
1:Atom  2:Atom  3:Atom  4:Atom  5:Atom  6:Atom  7:CLASS  8:CLASS  9:CLASS  10:CLASS
 11:CLASS  12:CLASS  14:Atom  15:Atom  16:Atom  17:Atom  18:Atom  19:Atom  20:Atom
21:Atom  22:Atom  23:Atom  24:Atom  25:Atom  26:Atom  27:Atom  28:Atom  29:Atom
30:Atom  31:Atom  36:CLASS  38:CLASS



L2      STRUCTURE UPLOADED

=>
Uploading C:\Program Files\STNEXP\Queries\10579042 D.str
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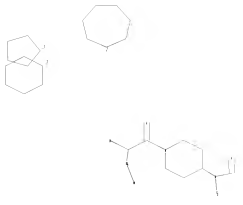
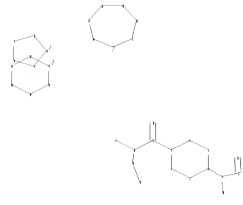




chain nodes :
7 8 9 10 11 12 36 38 39 40
ring nodes :
1 2 3 4 5 6 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29
30 31
chain bonds :
3-7 6-11 7-8 7-10 8-9 8-38 11-12 11-40 12-36 38-39
ring bonds :
1-2 1-6 2-3 3-4 4-5 5-6 14-15 14-18 15-16 16-17 17-18 19-20 19-24
20-21 21-22 22-23 23-24 25-26 25-31 26-27 27-28 28-29 29-30 30-31
exact/norm bonds :

```
1-2  1-6  2-3  3-4  3-7  4-5  5-6  6-11  7-10  8-9  11-12  11-40  12-36  14-15
14-18  15-16  16-17  17-18  19-20  19-24  20-21  21-22  22-23  23-24  25-26  25-31
26-27  27-28  28-29  29-30  30-31
exact bonds :
7-8  8-38  38-39


G1:Ph,Cb

G2:Ph,[*1],[*2],[*3]

G3:C,N

Match level :
1:Atom  2:Atom  3:Atom  4:Atom  5:Atom  6:Atom  7:CLASS  8:CLASS  9:CLASS  10:CLASS
 11:CLASS  12:CLASS  14:Atom  15:Atom  16:Atom  17:Atom  18:Atom  19:Atom  20:Atom
21:Atom  22:Atom  23:Atom  24:Atom  25:Atom  26:Atom  27:Atom  28:Atom  29:Atom
30:Atom  31:Atom  36:CLASS  38:CLASS  39:CLASS  40:CLASS



L3      STRUCTURE UPLOADED

=> d l1
L1 HAS NO ANSWERS
L1              STR

* STRUCTURE DIAGRAM TOO LARGE FOR DISPLAY -  AVAILABLE VIA OFFLINE PRINT *

Structure attributes must be viewed using STN Express query preparation.


=> s l1 sss sam
SAMPLE SEARCH INITIATED 08:24:17 FILE 'REGISTRY'
SAMPLE SCREEN SEARCH COMPLETED -      183 TO ITERATE

100.0% PROCESSED      183 ITERATIONS                              42 ANSWERS
SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS:  ONLINE  **COMPLETE**
                        BATCH   **COMPLETE**
PROJECTED ITERATIONS:         2849 TO     4471
PROJECTED ANSWERS:             452 TO     1228

L4           42 SEA SSS SAM L1

=> s l2 sss sam
SAMPLE SEARCH INITIATED 08:25:01 FILE 'REGISTRY'
SAMPLE SCREEN SEARCH COMPLETED -      904 TO ITERATE

100.0% PROCESSED      904 ITERATIONS                               0 ANSWERS
SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS:  ONLINE  **COMPLETE**
                        BATCH   **COMPLETE**
PROJECTED ITERATIONS:        16277 TO    19883
PROJECTED ANSWERS:               0 TO        0

L5            0 SEA SSS SAM L2

=> s l2 sss full
```

```
FULL SEARCH INITIATED 08:25:10 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED -    17410 TO ITERATE

100.0% PROCESSED    17410 ITERATIONS                                0 ANSWERS
SEARCH TIME: 00.00.01

L6            0 SEA SSS FUL L2

=> s l3 sss sam
SAMPLE SEARCH INITIATED 08:25:17 FILE 'REGISTRY'
SAMPLE SCREEN SEARCH COMPLETED -       81 TO ITERATE

100.0% PROCESSED       81 ITERATIONS                                0 ANSWERS
SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS:  ONLINE  **COMPLETE**
                        BATCH   **COMPLETE**
PROJECTED ITERATIONS:          1080 TO     2160
PROJECTED ANSWERS:                0 TO        0

L7            0 SEA SSS SAM L3

=> s l3 sss full
FULL SEARCH INITIATED 08:25:23 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED -     1923 TO ITERATE

100.0% PROCESSED     1923 ITERATIONS                                8 ANSWERS
SEARCH TIME: 00.00.01

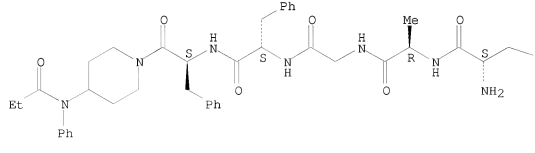
L8            8 SEA SSS FUL L3

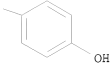
=> d 1-8

L8   ANSWER 1 OF 8  REGISTRY  COPYRIGHT 2010 ACS on STN
RN   1222472-22-1  REGISTRY
ED   Entered STN:  12 May 2010
CN   INDEX NAME NOT YET ASSIGNED
FS   PROTEIN SEQUENCE; STEREOSEARCH
MF   C46 H55 N7 O7
SR   Other Sources
       Database: ChEBI (European Bioinformatics Institute)

**RELATED SEQUENCES AVAILABLE WITH SEQLINK**

Absolute stereochemistry.
```

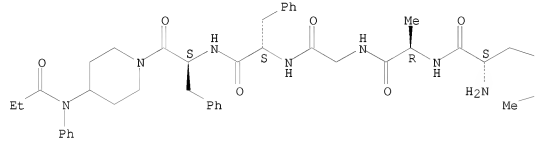


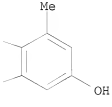
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L8 ANSWER 2 OF 8 REGISTRY COPYRIGHT 2010 ACS on STN
RN 1222388-98-8 REGISTRY
ED Entered STN: 12 May 2010
CN INDEX NAME NOT YET ASSIGNED
FS PROTEIN SEQUENCE; STEREOSEARCH
MF C48 H59 N7 O7
SR Other Sources
Database: ChEBI (European Bioinformatics Institute)

RELATED SEQUENCES AVAILABLE WITH SEQLINK

Absolute stereochemistry.



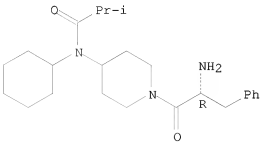


PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L8 ANSWER 3 OF 8 REGISTRY COPYRIGHT 2010 ACS on STN
RN 1046796-21-7 REGISTRY
ED Entered STN: 05 Sep 2008
CN Propanamide, N-[1-[(2R)-2-amino-1-oxo-3-phenylpropyl]-4-piperidinyl]-N-

cyclohexyl-2-methyl- (CA INDEX NAME)
FS STEREOSEARCH
MF C24 H37 N3 O2
SR CA
LC STN Files: CA, CAPLUS, CASREACT, TOXCENTER

Absolute stereochemistry.



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

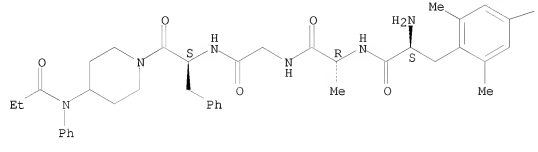
1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L8 ANSWER 4 OF 8 REGISTRY COPYRIGHT 2010 ACS on STN
RN 959785-87-6 REGISTRY
ED Entered STN: 31 Dec 2007
CN Propanamide, N-[1-(2,6-dimethyl-L-tyrosyl-D-alanylglycyl-L-phenylalanyl)-4-piperidinyl]-N-phenyl- (CA INDEX NAME)
FS PROTEIN SEQUENCE; STEREOSEARCH
MF C39 H50 N6 O6
SR CA
LC STN Files: CA, CAPLUS, CASREACT

RELATED SEQUENCES AVAILABLE WITH SEQLINK

Absolute stereochemistry.

PAGE 1-A



PAGE 1-B

OH

PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

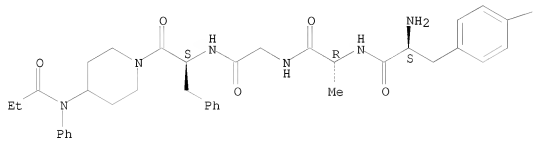
1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L8 ANSWER 5 OF 8 REGISTRY COPYRIGHT 2010 ACS on STN
RN 959785-85-4 REGISTRY
ED Entered STN: 31 Dec 2007
CN Propanamide, N-phenyl-N-[1-(L-tyrosyl-D-alanylglycyl-L-phenylalanyl)-4-piperidinyl]- (CA INDEX NAME)
FS PROTEIN SEQUENCE; STEREOSEARCH
MF C37 H46 N6 O6
SR CA
LC STN Files: CA, CAPLUS, CASREACT

RELATED SEQUENCES AVAILABLE WITH SEQLINK

Absolute stereochemistry.

PAGE 1-A



PAGE 1-B

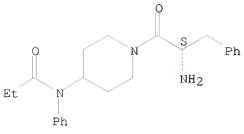
OH

PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L8 ANSWER 6 OF 8 REGISTRY COPYRIGHT 2010 ACS on STN
RN 937738-85-7 REGISTRY
ED Entered STN: 18 Jun 2007
CN Propanamide, N-[1-[(2S)-2-amino-1-oxo-3-phenylpropyl]-4-piperidinyl]-N-phenyl- (CA INDEX NAME)
FS STEREOSEARCH
MF C23 H29 N3 O2
SR CA
LC STN Files: CA, CAPLUS, CASREACT

Absolute stereochemistry.



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

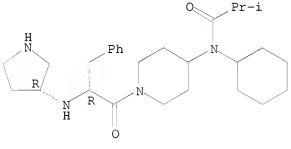
1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L8 ANSWER 7 OF 8 REGISTRY COPYRIGHT 2010 ACS on STN
RN 852483-40-0 REGISTRY
ED Entered STN: 17 Jun 2005
CN Propanamide, N-cyclohexyl-2-methyl-N-[1-[(2R)-1-oxo-3-phenyl-2-[(3R)-3-pyrrolidinylamino]propyl]-4-piperidinyl]-, 2,2,2-trifluoroacetate (1:2) (CA INDEX NAME)
OTHER CA INDEX NAMES:
CN Propanamide, N-cyclohexyl-2-methyl-N-[1-[(2R)-1-oxo-3-phenyl-2-[(3R)-3-pyrrolidinylamino]propyl]-4-piperidinyl]-, bis(trifluoroacetate) (9CI)
FS STEREOSEARCH
MF C28 H44 N4 O2 . 2 C2 H F3 O2
SR CA
LC STN Files: CA, CAPLUS, CASREACT, TOXCENTER, USPATFULL

CM 1

CRN 852483-39-7
CMF C28 H44 N4 O2

Absolute stereochemistry.



CM 2

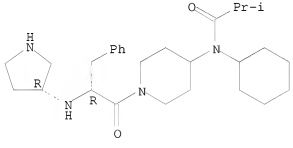
CRN 76-05-1
CMF C2 H F3 O2

PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L8 ANSWER 8 OF 8 REGISTRY COPYRIGHT 2010 ACS on STN
RN 852483-39-7 REGISTRY
ED Entered STN: 17 Jun 2005
CN Propanamide, N-cyclohexyl-2-methyl-N-[1-[(2R)-1-oxo-3-phenyl-2-[(3R)-3-pyrrolidinylamino]propyl]-4-piperidinyl]- (CA INDEX NAME)
FS STEREOSEARCH
MF C28 H44 N4 O2
CI COM
SR CA

Absolute stereochemistry.



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

=> s l1 sss ful
FULL SEARCH INITIATED 08:26:36 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED - 3702 TO ITERATE

100.0% PROCESSED 3702 ITERATIONS 923 ANSWERS
SEARCH TIME: 00.00.01

L9 923 SEA SSS FUL L1

=> file caplus
COST IN U.S. DOLLARS SINCE FILE ENTRY TOTAL SESSION
FULL ESTIMATED COST 593.38 594.04

FILE 'CAPLUS' ENTERED AT 08:26:41 ON 19 MAY 2010
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.
PLEASE SEE "HELP USAGETERMS" FOR DETAILS.

FILE COVERS 1907 - 19 May 2010 VOL 152 ISS 21
FILE LAST UPDATED: 18 May 2010 (20100518/ED)
REVISED CLASS FIELDS (/NCL) LAST RELOADED: Apr 2010
USPTO MANUAL OF CLASSIFICATIONS THESAURUS ISSUE DATE: Feb 2010

CAplus now includes complete International Patent Classification (IPC)
reclassification data for the second quarter of 2010.

CAS Information Use Policies apply and are available at:

http://www.cas.org/legal/infopolicy.html

This file contains CAS Registry Numbers for easy and accurate
substance identification.

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=> s l9 and py<=2004
          42 L9
       25158174 PY<=2004
L10       16 L9 AND PY<=2004

=> d 1-16

L10  ANSWER 1 OF 16  CAPLUS  COPYRIGHT 2010 ACS on STN
AN   2008:1383655  CAPLUS
DN   149:575982
TI   Reductive aminations of carbonyl compounds with borohydride and borane
     reducing agents
AU   Baxter, Ellen W.; Reitz, Allen B.
CS   The R. W. Johnson Pharmaceutical Research Institute, Spring House, PA, USA
SO   Organic Reactions (Hoboken, NJ, United States) (2002), 59, No
     pp. given
     CODEN: ORHNBA
     URL: http://www3.interscience.wiley.com/cgi-bin/mrwhome/107610747/HOME
PB   John Wiley & Sons, Inc.
DT   Journal; General Review; (online computer file)
LA   English
OS   CASREACT 149:575982

L10  ANSWER 2 OF 16  CAPLUS  COPYRIGHT 2010 ACS on STN
AN   2003:633456  CAPLUS
DN   139:154954
TI   Medicinal compositions containing gabapentin or pregabalin and N-type
     calcium channel antagonist
IN   Iwayama, Satoshi; Koganei, Hajime; Fujita, Shinichi; Takeda, Tomoko;
     Yamamoto, Hiroshi; Niwa, Seiji
PA   Ajinomoto Co., Inc., Japan
SO   PCT Int. Appl., 154 pp.
     CODEN: PIXXD2
DT   Patent
LA   Japanese
FAN.CNT 1
```

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     PATENT NO.            KIND   DATE        APPLICATION NO.          DATE
     --------------        ----   --------    --------------------     --------
PI   WO 2003066040          A1    20030814    WO 2003-JP1163           20030205 <--
         W:  AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN,
             CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH,
             GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR,
             LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH,
             PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, TJ, TM, TN, TR, TT, TZ,
             UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW
         RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY,
             KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES,
             FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, SE, SI, SK, TR, BF,
             BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG
     AU 2003207219           A1    20030902    AU 2003-207219           20030205 <--
     EP 1481673              A1    20041201    EP 2003-703174           20030205 <--
         R:  AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,
             IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK
     JP 4428053              B2    20100310    JP 2003-565464           20030205
     US 20050009814          A1    20050113    US 2004-911633           20040805
     US 7713957              B2    20100511
     JP 2010031029           A     20100212    JP 2009-230269           20091002
PRAI JP 2002-28208           A     20020205
     JP 2002-111068          A     20020412
     JP 2002-317480          A     20021031
     JP 2003-565464          A3    20030205
     WO 2003-JP1163          W     20030205
ASSIGNMENT HISTORY FOR US PATENT AVAILABLE IN LSUS DISPLAY FORMAT
OS   MARPAT 139:154954
OSC.G   2     THERE ARE 2 CAPLUS RECORDS THAT CITE THIS RECORD (2 CITINGS)
RE.CNT  32    THERE ARE 32 CITED REFERENCES AVAILABLE FOR THIS RECORD
              ALL CITATIONS AVAILABLE IN THE RE FORMAT

L10  ANSWER 3 OF 16  CAPLUS  COPYRIGHT 2010 ACS on STN
AN   2003:97412  CAPLUS
DN   138:153539
TI   Preparation of 2-(piperidin-1-yl)acetamides as NMDA receptor antagonists
IN   Domany, Gyoergy; Horvath, Csilla; Farkas, Sandor; Barta Szalai, Gisella;
     Nagy, Jozsef; Kolok, Sandor; Kovacs Bozo, Eva; Borza, Istvan; Vago,
     Istvan; Bielik, Attila; Szendrei, Mrs. Gyorgyi Ignaczne; Keseru, Gyorgy
PA   Richter Gedeon Vegyeszeti Gyar Rt., Hung.
SO   PCT Int. Appl., 132 pp.
     CODEN: PIXXD2
DT   Patent
LA   English
FAN.CNT 1
     PATENT NO.            KIND   DATE        APPLICATION NO.          DATE
     --------------        ----   --------    --------------------     --------
PI   WO 2003010159          A1    20030206    WO 2002-HU71             20020723 <--
         W:  AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN,
             CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH,
             GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR,
             LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH,
             PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ,
             UA, UG, US, UZ, VN, YU, ZA, ZM, ZW
         RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY,
             KG, KZ, MD, RU, TJ, TM, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB,
             GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA,
             GN, GQ, GW, ML, MR, NE, SN, TD, TG
     HU 2002002213           A2    20040528    HU 2002-2213             20020710 <--
     HU 225905               B1    20071228
     CA 2453383              A1    20030206    CA 2002-2453383          20020723 <--
     CA 2453383              C     20100406
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     AU 2002313566          A1    20030217   AU 2002-313566          20020723 <--
     AU 2002313566          B2    20070524
     EE 200400058           A     20040415   EE 2004-58              20020723 <--
     EP 1409477             A1    20040421   EP 2002-753161          20020723 <--
     EP 1409477             B1    20080917
          R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,
             IE, SI, LT, LV, FI, RO, MK, CY, AL, TR
     BR 2002011393          A     20040817   BR 2002-11393           20020723 <--
     CN 1556805             A     20041222   CN 2002-814234          20020723 <--
     CN 100413860           C     20080827
     JP 2005515968          T     20050602   JP 2003-515518          20020723
     JP 4322113             B2    20090826
     NZ 530055              A     20050729   NZ 2002-530055          20020723
     AT 408611              T     20081015   AT 2002-753161          20020723
     PT 1409477             E     20081120   PT 2002-753161          20020723
     ES 2312603             T3    20090301   ES 2002-753161          20020723
     IN 2003MN01120         A     20070504   IN 2003-MN1120          20031209
     ZA 2004000417          A     20050518   ZA 2004-417             20040120
     KR 890676              B1    20090326   KR 2004-701042          20040120
     US 20040157886         A1    20040812   US 2004-761940          20040121 <--
     US 7435744             B2    20081014
     NO 2004000307          A     20040323   NO 2004-307             20040123 <--
     NO 327099              B1    20090420
     MX 2004000737          A     20040708   MX 2004-737             20040123 <--
     IN 2004MN00076         A     20050429   IN 2004-MN76            20040203
     BG 108592              A     20050331   BG 2004-108592          20040220
     HR 2004000178          A2    20050430   HR 2004-178             20040223
     HK 1063464             A1    20091113   HK 2004-106165          20040817
PRAI HU 2001-3055           A     20010724
     HU 2002-2213           A     20020710
     WO 2002-HU71           W     20020723
     IN 2003-MN1120         A3    20031209
ASSIGNMENT HISTORY FOR US PATENT AVAILABLE IN LSUS DISPLAY FORMAT
OS   MARPAT 138:153539
OSC.G   11     THERE ARE 11 CAPLUS RECORDS THAT CITE THIS RECORD (17 CITINGS)
RE.CNT  7      THERE ARE 7 CITED REFERENCES AVAILABLE FOR THIS RECORD
               ALL CITATIONS AVAILABLE IN THE RE FORMAT

L10  ANSWER 4 OF 16  CAPLUS  COPYRIGHT 2010 ACS on STN
AN   2002:695975  CAPLUS
DN   137:232913
TI   Preparation of peptides for pharmaceutical use as modulators of
     melanocortin receptors
IN   Yu, Guixue; Macor, John; Herpin, Timothy; Lawrence, R. Michael; Morton,
     George C.; Ruel, Rejean; Poindexter, Graham S.; Ruediger, Edward H.;
     Thibault, Carl
PA   Bristol-Myers Squibb Company, USA
SO   PCT Int. Appl., 107 pp.
     CODEN: PIXXD2
DT   Patent
LA   English
FAN.CNT 3
     PATENT NO.          KIND   DATE        APPLICATION NO.        DATE
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PI   WO 2002070511       A1     20020912    WO 2002-US6479         20020302 <--
          W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN,
             CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH,
             GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR,
             LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH,
             PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ,
             UA, UG, US, UZ, VN, YU, ZA, ZM, ZW
          RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, CH,
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            CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR,
            BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG
     CA 2437594          A1    20020912    CA 2002-2437594          20020302 <--
     AU 2002254095       A1    20020919    AU 2002-254095           20020302 <--
     EP 1363898          A1    20031126    EP 2002-723310           20020302 <--
        R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,
           IE, SI, LT, LV, FI, RO, MK, CY, AL, TR
     HU 2004001544       A2    20041228    HU 2004-1544             20020302 <--
     JP 2005511475       T     20050428    JP 2002-569831           20020302
     US 20030092732      A1    20030515    US 2002-90582            20020304 <--
     US 6979691          B2    20051227
     US 20030096827      A1    20030522    US 2002-90288            20020304 <--
     US 6713487          B2    20040330
     US 20040229882      A1    20041118    US 2003-696761           20031029 <--
     US 7067525          B2    20060627
     US 20060025403      A1    20060202    US 2005-199464           20050808
PRAI US 2001-273206P     P     20010302
     US 2001-273291P     P     20010302
     WO 2002-US6479      W     20020302
     US 2002-90288       A3    20020304
     US 2002-90582       A3    20020304
ASSIGNMENT HISTORY FOR US PATENT AVAILABLE IN LSUS DISPLAY FORMAT
OS   MARPAT 137:232913
OSC.G   26    THERE ARE 26 CAPLUS RECORDS THAT CITE THIS RECORD (35 CITINGS)
RE.CNT  2     THERE ARE 2 CITED REFERENCES AVAILABLE FOR THIS RECORD
              ALL CITATIONS AVAILABLE IN THE RE FORMAT

L10  ANSWER 5 OF 16  CAPLUS  COPYRIGHT 2010 ACS on STN
AN   2002:585090  CAPLUS
DN   138:231272
TI   1-Cysteine based N-type calcium channel blockers: structure-activity
     relationships of the C-terminal lipophilic moiety, and oral analgesic
     efficacy in rat pain models
AU   Seko, Takuya; Kato, Masashi; Kohno, Hiroshi; Ono, Shizuka; Hashimura,
     Kazuya; Takenobu, Yoshifumi; Takimizu, Hideyuki; Nakai, Katsuhiko;
     Maegawa, Hitoshi; Katsube, Nobuo; Toda, Masaaki
CS   Minase Research Institute, Ono Pharmaceutical Co., Ltd., Shimamoto,
     Mishima, Osaka, 618-8585, Japan
SO   Bioorganic & Medicinal Chemistry Letters (2002), 12(17),
     2267-2269
     CODEN: BMCLE8; ISSN: 0960-894X
PB   Elsevier Science Ltd.
DT   Journal
LA   English
OSC.G   16    THERE ARE 16 CAPLUS RECORDS THAT CITE THIS RECORD (16 CITINGS)
RE.CNT  15    THERE ARE 15 CITED REFERENCES AVAILABLE FOR THIS RECORD
              ALL CITATIONS AVAILABLE IN THE RE FORMAT

L10  ANSWER 6 OF 16  CAPLUS  COPYRIGHT 2010 ACS on STN
AN   2001:463221  CAPLUS
DN   135:61247
TI   Preparation of sulfonylaminomethylpiperidinylethylamines for antiobesity,
     antidiabetics, and antihypertensives
IN   Sato, Yoshinari; Itani, Hiromichi; Ito, Tatsunobu; Sakata, Yoshihiko;
     Hatakeyama, Yoshifumi; Ohashi, Hiroko
PA   Fujisawa Pharmaceutical Co., Ltd., Japan
SO   Jpn. Kokai Tokkyo Koho, 64 pp.
     CODEN: JKXXAF
DT   Patent
LA   Japanese
FAN.CNT 1
     PATENT NO.          KIND   DATE        APPLICATION NO.        DATE
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PI	JP 2001172257	A	20010626	JP 2000-302567	20001002 <--
PRAI	JP 1999-284407	A	19991005		
OS	MARPAT 135:61247				
OSC.G	2	THERE ARE 2 CAPLUS RECORDS THAT CITE THIS RECORD (2 CITINGS)			

L10 ANSWER 7 OF 16 CAPLUS COPYRIGHT 2010 ACS on STN
AN 2000:530564 CAPLUS
DN 133:246807
TI Neuronal N-type calcium channel blockers: a series of 4-piperidinylaniline analogs with analgesic activity
AU Hu, Lain-Yen; Ryder, Todd R.; Rafferty, Michael F.; Siebers, Krista M.; Malone, Thomas; Chatterjee, Arindam; Feng, M. Rose; Lotarski, Susan M.; Rock, David M.; Stoehr, Sally J.; Taylor, Charles P.; Weber, Mark L.; Miljanich, George P.; Millerman, Elizabeth; Szoke, Balazs G.
CS Parke-Davis Pharmaceutical Research, Division of Warner-Lambert Company, Ann Arbor, MI, 48105, USA
SO Drug Design and Discovery (2000), 17(1), 85-93
CODEN: DDDIEV; ISSN: 1055-9612
PB Harwood Academic Publishers
DT Journal
LA English
OSC.G 5 THERE ARE 5 CAPLUS RECORDS THAT CITE THIS RECORD (5 CITINGS)
RE.CNT 27 THERE ARE 27 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L10 ANSWER 8 OF 16 CAPLUS COPYRIGHT 2010 ACS on STN
AN 2000:487670 CAPLUS
DN 133:237817
TI Synthesis and biological activity of 4-aminopiperidine derivatives as N-type calcium channel antagonists
AU Ryder, Todd R.; Hu, Lain-Yen; Rafferty, Michael F.; Feng, M. Rose; Lotarski, Susan M.; Rock, David M.; Stoehr, Sally J.; Taylor, Charles P.; Weber, Mark L.; Miljanich, George P.; Millerman, Elizabeth; Szoke, Balazs G.
CS Department of Chemistry, Parke-Davis Pharmaceutical Research, Division Of Warner-Lambert Company, Ann Arbor, MI, 48105, USA
SO Medicinal Chemistry Research (2000), 10(1), 11-18
CODEN: MCREEB; ISSN: 1054-2523
PB Birkhaeuser Boston
DT Journal
LA English
OSC.G 1 THERE ARE 1 CAPLUS RECORDS THAT CITE THIS RECORD (1 CITINGS)
RE.CNT 19 THERE ARE 19 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L10 ANSWER 9 OF 16 CAPLUS COPYRIGHT 2010 ACS on STN
AN 2000:454818 CAPLUS
DN 133:171755
TI The discovery of [1-(4-dimethylamino-benzyl)-piperidin-4-yl]-[4-(3,3-dimethylbutyl)-phenyl]-(3-methyl-but-2-enyl)-amine, an N-type Ca+2 channel blocker with oral activity for analgesia
AU Hu, L.-Y.; Ryder, T. R.; Rafferty, M. F.; Taylor, C. P.; Feng, M. R.; Kuo, B.-S.; Lotarski, S. M.; Miljanich, G. P.; Millerman, E.; Siebers, K. M.; Szoke, B. G.
CS Department of Chemistry, Parke-Davis Pharmaceutical Research, Division of Warner-Lambert Company, Ann Arbor, MI, 48105, USA
SO Bioorganic & Medicinal Chemistry (2000), 8(6), 1203-1212
CODEN: BMECEP; ISSN: 0968-0896
PB Elsevier Science Ltd.
DT Journal
LA English

OSC.G 26 THERE ARE 26 CAPLUS RECORDS THAT CITE THIS RECORD (26 CITINGS)
RE.CNT 23 THERE ARE 23 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L10 ANSWER 10 OF 16 CAPLUS COPYRIGHT 2010 ACS on STN
AN 2000:15173 CAPLUS
DN 132:64526
TI Preparation of amino acid derivatives as N type calcium channel inhibitors
IN Seko, Takuya; Kato, Masashi
PA Ono Pharmaceutical Co., Ltd., Japan
SO PCT Int. Appl., 237 pp.
CODEN: PIXXD2
DT Patent
LA Japanese
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE	
PI	WO 2000000470	A1	20000106	WO 1999-JP3409	19990625	<--
	W: AU, BR, CA, CN, HU, JP, KR, MX, NO, NZ, RU, TR, US, ZA					
	RW: AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE					
	TW 245035	B	20051211	TW 1999-88110612	19990624	
	CA 2336162	A1	20000106	CA 1999-2336162	19990625	<--
	AU 9945315	A	20000117	AU 1999-45315	19990625	<--
	AU 759488	B2	20030417			
	EP 1090912	A1	20010411	EP 1999-928205	19990625	<--
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, PT, IE, FI					
	TR 2001000298	T2	20010621	TR 2001-298	19990625	<--
	BR 9911515	A	20020122	BR 1999-11515	19990625	<--
	HU 2001002369	A2	20020429	HU 2001-2369	19990625	<--
	HU 2001002369	A3	20020528			
	RU 2211830	C2	20030910	RU 2000-132729	19990625	<--
	NZ 508757	A	20040227	NZ 1999-508757	19990625	<--
	JP 3620644	B2	20050216	JP 2000-557231	19990625	
	CN 1269801	C	20060816	CN 1999-810097	19990625	
	ZA 2000007415	A	20020402	ZA 2000-7415	20001212	<--
	MX 2000012599	A	20010405	MX 2000-12599	20001215	<--
	NO 2000006646	A	20010226	NO 2000-6646	20001222	<--
	US 6605608	B1	20030812	US 2000-720433	20001222	<--
	US 20030232806	A1	20031218	US 2003-429793	20030506	<--
	US 7351721	B2	20080401			
	JP 2005068152	A	20050317	JP 2004-252307	20040831	
	JP 4214524	B2	20090128			
PRAI	JP 1998-195125	A	19980626			
	JP 2000-557231	A3	19990625			
	WO 1999-JP3409	W	19990625			
	US 2000-720433	A3	20001222			

ASSIGNMENT HISTORY FOR US PATENT AVAILABLE IN LSUS DISPLAY FORMAT
OS MARPAT 132:64526
OSC.G 6 THERE ARE 6 CAPLUS RECORDS THAT CITE THIS RECORD (12 CITINGS)
RE.CNT 5 THERE ARE 5 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L10 ANSWER 11 OF 16 CAPLUS COPYRIGHT 2010 ACS on STN
AN 1999:589098 CAPLUS
DN 131:331730
TI Synthesis of a Series of 4-Benzyloxyaniline Analogs as Neuronal N-Type Calcium Channel Blockers with Improved Anticonvulsant and Analgesic Properties
AU Hu, Lain-Yen; Ryder, Todd R.; Rafferty, Michael F.; Feng, M. Rose; Lotarski, Susan M.; Rock, David M.; Sinz, Michael; Stoehr, Sally J.; Taylor, Charles P.; Weber, Mark L.; Bowersox, S. Scott; Miljanich, George

P.; Millerman, Elizabeth; Wang, Yong-Xiang; Szoke, Balazs G.
CS Departments of Chemistry Neuroscience Therapeutics and Pharmacokinetics Dynamics and Metabolism, Parke-Davis Pharmaceutical Research Division of Warner-Lambert Company, Ann Arbor, MI, 48105, USA
SO Journal of Medicinal Chemistry (1999), 42(20), 4239-4249
CODEN: JMCMAR; ISSN: 0022-2623
PB American Chemical Society
DT Journal
LA English
OSC.G 32 THERE ARE 32 CAPLUS RECORDS THAT CITE THIS RECORD (33 CITINGS)
RE.CNT 48 THERE ARE 48 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L10 ANSWER 12 OF 16 CAPLUS COPYRIGHT 2010 ACS on STN
AN 1999:571302 CAPLUS
DN 131:295124
TI Structure-activity relationship at the proximal phenyl group in a series of non-peptidyl N-type calcium channel antagonists
AU Ryder, Todd R.; Hu, Lain-Yen; Rafferty, Michael F.; Lotarski, Susan M.; Rock, David M.; Stoehr, Sally J.; Taylor, Charles P.; Weber, Mark L.; Miljanich, George P.; Millerman, Elizabeth; Szoke, Balazs G.
CS Department of Chemistry, Parke-Davis Pharmaceutical Research, Division Of Warner-Lambert Company, Ann Arbor, MI, 48105, USA
SO Bioorganic & Medicinal Chemistry Letters (1999), 9(16), 2453-2458
CODEN: BMCLE8; ISSN: 0960-894X
PB Elsevier Science Ltd.
DT Journal
LA English
OSC.G 13 THERE ARE 13 CAPLUS RECORDS THAT CITE THIS RECORD (13 CITINGS)
RE.CNT 18 THERE ARE 18 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L10 ANSWER 13 OF 16 CAPLUS COPYRIGHT 2010 ACS on STN
AN 1999:126886 CAPLUS
DN 130:196584
TI Preparation of aniline derivatives as calcium channel blockers
IN Hu, Lain-Yen; Rafferty, Michael Francis; Ryder, Todd Robert
PA Warner-Lambert Company, USA
SO PCT Int. Appl., 137 pp.
CODEN: PIXXD2
DT Patent
LA English
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE	
PI	WO 9907689	A1	19990218	WO 1998-US15907	19980729	<--
	W: AL, AU, BA, BB, BG, BR, CA, CN, CZ, EE, GE, HR, HU, ID, IL, IS, JP, KR, LC, LK, LR, LT, LV, MG, MK, MN, MX, NO, NZ, PL, RO, SG, SI, SK, SL, TR, TT, UA, US, UZ, VN, YU, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM					
	RW: GH, GM, KE, LS, MW, SD, SZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG					
	AU 9887627	A	19990301	AU 1998-87627	19980729	<--
	ZA 9807144	A	19990510	ZA 1998-7144	19980807	<--
	US 6251918	B1	20010626	US 1999-402196	19990929	<--
	US 20010023249	A1	20010920	US 2001-769798	20010125	<--
	US 6495715	B2	20021217			
	US 20030060632	A1	20030327	US 2002-252854	20020923	<--
PRAI	US 1997-55251P	P	19970811			
	US 1998-82358P	P	19980420			

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     WO 1998-US15907      W     19980729
     US 1999-402196       A3    19990929
     US 2001-769798       A3    20010125
OS   MARPAT 130:196584
OSC.G   5     THERE ARE 5 CAPLUS RECORDS THAT CITE THIS RECORD (7 CITINGS)
RE.CNT  2     THERE ARE 2 CITED REFERENCES AVAILABLE FOR THIS RECORD
              ALL CITATIONS AVAILABLE IN THE RE FORMAT

L10  ANSWER 14 OF 16  CAPLUS  COPYRIGHT 2010 ACS on STN
AN   1997:94071  CAPLUS
DN   126:104431
OREF 126:20165a,20168a
TI   Preparation of heterocyclic dipeptide derivatives which promote release of
     growth hormone
IN   Carpino, Philip A.; Jardine DaSilva, Paul A.; Lefker, Bruce A.; Ragan,
     John A.
PA   Pfizer Inc., USA
SO   PCT Int. Appl., 173 pp.
     CODEN: PIXXD2
DT   Patent
LA   English
FAN.CNT 2
     PATENT NO.           KIND   DATE       APPLICATION NO.         DATE
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PI   WO 9638471           A1     19961205   WO 1995-IB410           19950529 <--
         W:  CA, FI, JP, MX, US
         RW: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE
     CA 2220055           A1     19961205   CA 1995-2220055         19950529 <--
     CA 2220055           C      20010424
     EP 828754            A1     19980318   EP 1995-918123          19950529 <--
     EP 828754            B1     20050202
         R:  AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, PT, IE
     JP 10510511          T      19981013   JP 1995-511175          19950529 <--
     JP 3133073           B2     20010205   JP 1996-511175          19950529 <--
     AT 288444            T      20050215   AT 1995-918123          19950529
     ES 2235171           T3     20050701   ES 1995-918123          19950529
     NO 9602162           A      19961202   NO 1996-2162            19960528 <--
     AU 9654554           A      19961212   AU 1996-54554           19960528 <--
     CN 1143647           A      19970226   CN 1996-107637          19960528 <--
     US 5936089           A      19990810   US 1997-973268          19971126 <--
     FI 9704368           A      19971128   FI 1997-4368            19971128 <--
PRAI WO 1995-IB333        A      19950508
     WO 1995-IB410        W      19950529
ASSIGNMENT HISTORY FOR US PATENT AVAILABLE IN LSUS DISPLAY FORMAT
OS   MARPAT 126:104431
OSC.G   20    THERE ARE 20 CAPLUS RECORDS THAT CITE THIS RECORD (45 CITINGS)
RE.CNT  4     THERE ARE 4 CITED REFERENCES AVAILABLE FOR THIS RECORD
              ALL CITATIONS AVAILABLE IN THE RE FORMAT

L10  ANSWER 15 OF 16  CAPLUS  COPYRIGHT 2010 ACS on STN
AN   1997:26293  CAPLUS
DN   126:60362
OREF 126:11861a
TI   Preparation of heterocyclic dipeptide derivatives which promote release of
     growth hormone
IN   Carpino, Philip A.; Jardine DaSilva, Paul A.; Lefker, Bruce A.; Ragan,
     John A.
PA   Pfizer, Inc., USA
SO   PCT Int. Appl., 158 pp.
     CODEN: PIXXD2
DT   Patent
LA   English
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FAN.CNT 2
     PATENT NO.          KIND   DATE        APPLICATION NO.        DATE
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PI   WO 9635713           A1    19961114    WO 1995-IB333          19950508 <--
         W:  CA, FI, JP, MX, US
         RW: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE
     AU 9654554           A     19961212    AU 1996-54554          19960528 <--
PRAI WO 1995-IB333        A     19950508
     WO 1995-IB410        A     19950529
OS   MARPAT 126:60362
OSC.G   13    THERE ARE 13 CAPLUS RECORDS THAT CITE THIS RECORD (16 CITINGS)
RE.CNT  2     THERE ARE 2 CITED REFERENCES AVAILABLE FOR THIS RECORD
              ALL CITATIONS AVAILABLE IN THE RE FORMAT

L10  ANSWER 16 OF 16  CAPLUS  COPYRIGHT 2010 ACS on STN
AN   1983:161161  CAPLUS
DN   98:161161
OREF 98:24471a,24474a
TI   Synthesis and evaluation of 1- and 2-substituted fentanyl analogs for
     opioid activity
AU   Essawi, Mohamed Y. H.; Portoghese, Philip S.
CS   Coll. Pharm., Univ. Minnesota, Minneapolis, MN, 55455, USA
SO   Journal of Medicinal Chemistry (1983), 26(3), 348-52
     CODEN: JMCMAR; ISSN: 0022-2623
DT   Journal
LA   English
OSC.G   12    THERE ARE 12 CAPLUS RECORDS THAT CITE THIS RECORD (12 CITINGS)


=> s l8 and py<=2004
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L11          0 L8 AND PY<=2004

=> d l10 ibib hitstr

L10  ANSWER 1 OF 16  CAPLUS  COPYRIGHT 2010 ACS on STN
ACCESSION NUMBER:         2008:1383655  CAPLUS
DOCUMENT NUMBER:          149:575982
TITLE:                    Reductive aminations of carbonyl compounds with
                          borohydride and borane reducing agents
AUTHOR(S):                Baxter, Ellen W.; Reitz, Allen B.
CORPORATE SOURCE:         The R. W. Johnson Pharmaceutical Research Institute,
                          Spring House, PA, USA
SOURCE:                   Organic Reactions (Hoboken, NJ, United States) (
                          2002), 59, No pp. given
                          CODEN: ORHNBA
                          URL: http://www3.interscience.wiley.com/cgi-
                          bin/mrwhome/107610747/HOME
PUBLISHER:                John Wiley & Sons, Inc.
DOCUMENT TYPE:            Journal; General Review; (online computer file)
LANGUAGE:                 English
OTHER SOURCE(S):          CASREACT 149:575982
IT   220737-64-4     220737-77-9     1071134-10-5
     1071208-15-5
     RL: RCT (Reactant); RACT (Reactant or reagent)
        (Reductive Aminations of Carbonyl Compds. with Borohydride and Borane
        Reducing Agents)
RN   220737-64-4  CAPLUS
CN   1H-Azepine-1-carboxamide, hexahydro-N-[(1S)-3-methyl-1-[[4-[[4-
     (phenylmethoxy)phenyl]amino]-1-piperidinyl]carbonyl]butyl]-  (CA INDEX
     NAME)
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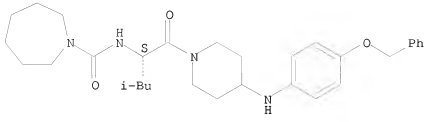
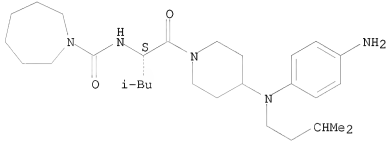
Absolute stereochemistry.



RN 220737-77-9 CAPLUS
CN 1H-Azepine-1-carboxamide, N-[(1S)-1-[[4-[(4-aminophenyl)(3-methylbutyl)amino]-1-piperidinyl]carbonyl]-3-methylbutyl]hexahydro- (CA INDEX NAME)

Absolute stereochemistry.



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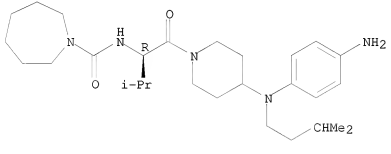
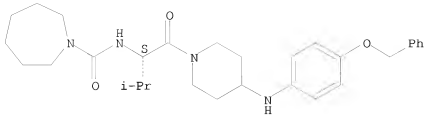
CN 1H-Azepine-1-carboxamide, N-[(1R)-1-[[4-[(4-aminophenyl)(3-methylbutyl)amino]-1-piperidinyl]carbonyl]-2-methylpropyl]hexahydro- (CA INDEX NAME)

Absolute stereochemistry.



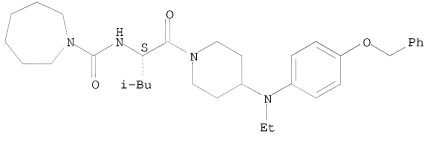
RN 1071208-15-5 CAPLUS
CN 1H-Azepine-1-carboxamide, hexahydro-N-[(1S)-2-methyl-1-[[4-[[4-(phenylmethoxy)phenyl]amino]-1-piperidinyl]carbonyl]propyl]- (CA INDEX NAME)

Absolute stereochemistry.



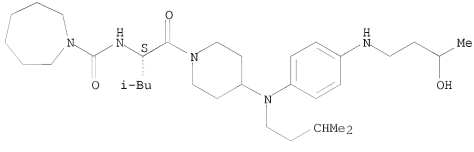
IT 220737-67-7P 220737-84-8P 220737-89-3P
247116-69-4P 1071134-38-7P 1071135-51-7P
1071137-31-9P 1071200-37-7P 1071204-10-8P
1071208-55-3P 1071219-39-0P
RL: SPN (Synthetic preparation); PREP (Preparation)
(Reductive Aminations of Carbonyl Compds. with Borohydride and Borane Reducing Agents)
RN 220737-67-7 CAPLUS
CN 1H-Azepine-1-carboxamide, N-[(1S)-1-[[4-[ethyl[4-(phenylmethoxy)phenyl]amino]-1-piperidinyl]carbonyl]-3-methylbutyl]hexahydro- (CA INDEX NAME)

Absolute stereochemistry.



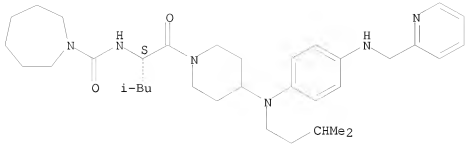
RN 220737-84-8 CAPLUS
CN 1H-Azepine-1-carboxamide, hexahydro-N-[(1S)-1-[[4-[[4-[(3-hydroxybutyl)amino]phenyl](3-methylbutyl)amino]-1-piperidinyl]carbonyl]-3-methylbutyl]- (CA INDEX NAME)

Absolute stereochemistry.



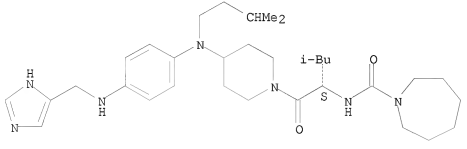
RN 220737-89-3 CAPLUS
CN 1H-Azepine-1-carboxamide, hexahydro-N-[(1S)-3-methyl-1-[[4-[(3-methylbutyl)[4-[(2-pyridinylmethyl)amino]phenyl]amino]-1-piperidinyl]carbonyl]butyl]- (CA INDEX NAME)

Absolute stereochemistry.



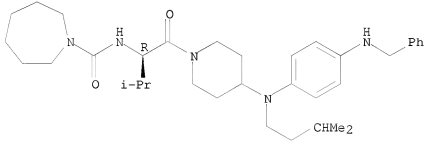
RN 247116-69-4 CAPLUS
CN 1H-Azepine-1-carboxamide, hexahydro-N-[(1S)-1-[[4-[[4-[(1H-imidazol-5-ylmethyl)amino]phenyl](3-methylbutyl)amino]-1-piperidinyl]carbonyl]-3-methylbutyl]- (CA INDEX NAME)

Absolute stereochemistry.



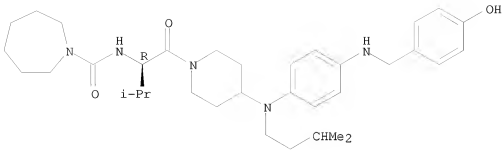
RN 1071134-38-7 CAPLUS
CN 1H-Azepine-1-carboxamide, hexahydro-N-[(1R)-2-methyl-1-[[4-[(3-methylbutyl)[4-[(phenylmethyl)amino]phenyl]amino]-1-piperidinyl]carbonyl]propyl]- (CA INDEX NAME)

Absolute stereochemistry.



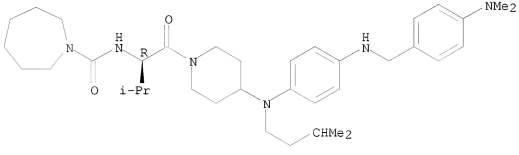
RN 1071135-51-7 CAPLUS
CN 1H-Azepine-1-carboxamide, hexahydro-N-[(1R)-1-[[4-[[4-[[(4-hydroxyphenyl)methyl]amino]phenyl](3-methylbutyl)amino]-1-piperidinyl]carbonyl]-2-methylpropyl]- (CA INDEX NAME)

Absolute stereochemistry.



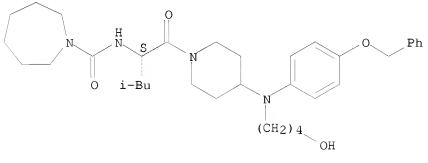
RN 1071137-31-9 CAPLUS
CN 1H-Azepine-1-carboxamide, N-[(1R)-1-[[4-[[4-[[[4-(dimethylamino)phenyl]methyl]amino]phenyl](3-methylbutyl)amino]-1-piperidinyl]carbonyl]-2-methylpropyl]hexahydro- (CA INDEX NAME)

Absolute stereochemistry.



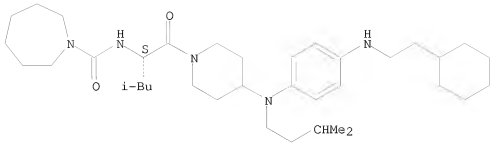
RN 1071200-37-7 CAPLUS
CN 1H-Azepine-1-carboxamide, hexahydro-N-[(1S)-1-[[4-[(4-hydroxybutyl)[4-(phenylmethoxy)phenyl]amino]-1-piperidinyl]carbonyl]-3-methylbutyl]- (CA INDEX NAME)

Absolute stereochemistry.



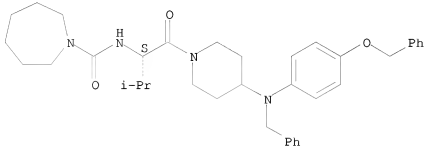
RN 1071204-10-8 CAPLUS
CN 1H-Azepine-1-carboxamide, N-[(1S)-1-[[4-[[4-[(2-cyclohexylethyl)amino]phenyl](3-methylbutyl)amino]-1-piperidinyl]carbonyl]-3-methylbutyl]hexahydro- (CA INDEX NAME)

Absolute stereochemistry.



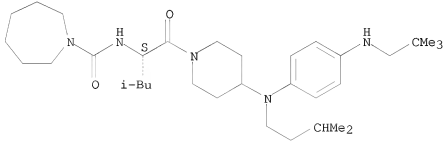
RN 1071208-55-3 CAPLUS
CN 1H-Azepine-1-carboxamide, hexahydro-N-[(1S)-2-methyl-1-[[4-[[4-(phenylmethoxy)phenyl](phenylmethyl)amino]-1-piperidinyl]carbonyl]propyl]- (CA INDEX NAME)

Absolute stereochemistry.



RN 1071219-39-0 CAPLUS
CN 1H-Azepine-1-carboxamide, N-[(1S)-1-[[4-[[4-[(2,2-dimethylpropyl)amino]phenyl](3-methylbutyl)amino]-1-piperidinyl]carbonyl]-3-methylbutyl]hexahydro- (CA INDEX NAME)

Absolute stereochemistry.



=> d l10 2-16 ibib fhitstr

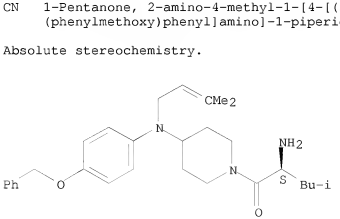
L10 ANSWER 2 OF 16 CAPLUS COPYRIGHT 2010 ACS on STN
ACCESSION NUMBER: 2003:633456 CAPLUS
DOCUMENT NUMBER: 139:154954
TITLE: Medicinal compositions containing gabapentin or pregabalin and N-type calcium channel antagonist
INVENTOR(S): Iwayama, Satoshi; Koganei, Hajime; Fujita, Shinichi; Takeda, Tomoko; Yamamoto, Hiroshi; Niwa, Seiji

PATENT ASSIGNEE(S): Ajinomoto Co., Inc., Japan
SOURCE: PCT Int. Appl., 154 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: Japanese
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2003066040	A1	20030814	WO 2003-JP1163	20030205 <--
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW				
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
AU 2003207219	A1	20030902	AU 2003-207219	20030205 <--
EP 1481673	A1	20041201	EP 2003-703174	20030205 <--
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK				
JP 4428053	B2	20100310	JP 2003-565464	20030205
US 20050009814	A1	20050113	US 2004-911633	20040805
US 7713957	B2	20100511		
JP 2010031029	A	20100212	JP 2009-230269	20091002
PRIORITY APPLN. INFO.:			JP 2002-28208 A	20020205
			JP 2002-111068 A	20020412
			JP 2002-317480 A	20021031
			JP 2003-565464 A3	20030205
			WO 2003-JP1163 W	20030205

ASSIGNMENT HISTORY FOR US PATENT AVAILABLE IN LSUS DISPLAY FORMAT
OTHER SOURCE(S): MARPAT 139:154954
IT 250237-01-5
RL: PAC (Pharmacological activity); THU (Therapeutic use); BIOL (Biological study); USES (Uses)
(medicinal compns. containing gabapentin or pregabalin and N-type calcium channel antagonist)
RN 250237-01-5 CAPLUS
CN 1-Pentanone, 2-amino-4-methyl-1-[4-[(3-methyl-2-buten-1-yl)[4-(phenylmethoxy)phenyl]amino]-1-piperidinyl]-, (2S)- (CA INDEX NAME)

Absolute stereochemistry.



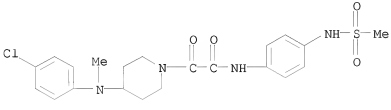
OS.CITING REF COUNT: 2 THERE ARE 2 CAPLUS RECORDS THAT CITE THIS RECORD (2 CITINGS)
REFERENCE COUNT: 32 THERE ARE 32 CITED REFERENCES AVAILABLE FOR THIS

L10 ANSWER 3 OF 16 CAPLUS COPYRIGHT 2010 ACS on STN
ACCESSION NUMBER: 2003:97412 CAPLUS
DOCUMENT NUMBER: 138:153539
TITLE: Preparation of 2-(piperidin-1-yl)acetamides as NMDA receptor antagonists
INVENTOR(S): Domany, Gyoergy; Horvath, Csilla; Farkas, Sandor; Barta Szalai, Gisella; Nagy, Jozsef; Kolok, Sandor; Kovacs Bozo, Eva; Borza, Istvan; Vago, Istvan; Bielik, Attila; Szendrei, Mrs. Gyorgyi Ignaczne; Keseru, Gyorgy
PATENT ASSIGNEE(S): Richter Gedeon Vegyeszeti Gyar Rt., Hung.
SOURCE: PCT Int. Appl., 132 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE	
WO 2003010159	A1	20030206	WO 2002-HU71	20020723	<--
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZM, ZW					
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG					
HU 2002002213	A2	20040528	HU 2002-2213	20020710	<--
HU 225905	B1	20071228			
CA 2453383	A1	20030206	CA 2002-2453383	20020723	<--
CA 2453383	C	20100406			
AU 2002313566	A1	20030217	AU 2002-313566	20020723	<--
AU 2002313566	B2	20070524			
EE 200400058	A	20040415	EE 2004-58	20020723	<--
EP 1409477	A1	20040421	EP 2002-753161	20020723	<--
EP 1409477	B1	20080917			
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR					
BR 2002011393	A	20040817	BR 2002-11393	20020723	<--
CN 1556805	A	20041222	CN 2002-814234	20020723	<--
CN 100413860	C	20080827			
JP 2005515968	T	20050602	JP 2003-515518	20020723	
JP 4322113	B2	20090826			
NZ 530055	A	20050729	NZ 2002-530055	20020723	
AT 408611	T	20081015	AT 2002-753161	20020723	
PT 1409477	E	20081120	PT 2002-753161	20020723	
ES 2312603	T3	20090301	ES 2002-753161	20020723	
IN 2003MN01120	A	20070504	IN 2003-MN1120	20031209	
ZA 2004000417	A	20050518	ZA 2004-417	20040120	
KR 890676	B1	20090326	KR 2004-701042	20040120	
US 20040157886	A1	20040812	US 2004-761940	20040121	<--
US 7435744	B2	20081014			
NO 2004000307	A	20040323	NO 2004-307	20040123	<--
NO 327099	B1	20090420			
MX 2004000737	A	20040708	MX 2004-737	20040123	<--
IN 2004MN00076	A	20050429	IN 2004-MN76	20040203	

BG 108592	A	20050331	BG 2004-108592		20040220
HR 2004000178	A2	20050430	HR 2004-178		20040223
HK 1063464	A1	20091113	HK 2004-106165		20040817
PRIORITY APPLN. INFO.:			HU 2001-3055	A	20010724
			HU 2002-2213	A	20020710
			WO 2002-HU71	W	20020723
			IN 2003-MN1120	A3	20031209

ASSIGNMENT HISTORY FOR US PATENT AVAILABLE IN LSUS DISPLAY FORMAT
OTHER SOURCE(S): MARPAT 138:153539
IT 496058-31-2P
RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(NMDA receptor antagonist; preparation of piperidinylacetamides by coupling reactions as NMDA receptor antagonists)
RN 496058-31-2 CAPLUS
CN 1-Piperidineacetamide, 4-[(4-chlorophenyl)methylamino]-N-[4-[(methylsulfonyl)amino]phenyl]-α-oxo- (CA INDEX NAME)



OS.CITING REF COUNT: 11 THERE ARE 11 CAPLUS RECORDS THAT CITE THIS RECORD (17 CITINGS)
REFERENCE COUNT: 7 THERE ARE 7 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

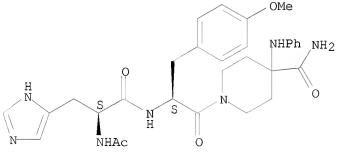
L10 ANSWER 4 OF 16 CAPLUS COPYRIGHT 2010 ACS on STN
ACCESSION NUMBER: 2002:695975 CAPLUS
DOCUMENT NUMBER: 137:232913
TITLE: Preparation of peptides for pharmaceutical use as modulators of melanocortin receptors
INVENTOR(S): Yu, Guixue; Macor, John; Herpin, Timothy; Lawrence, R. Michael; Morton, George C.; Ruel, Rejean; Poindexter, Graham S.; Ruediger, Edward H.; Thibault, Carl
PATENT ASSIGNEE(S): Bristol-Myers Squibb Company, USA
SOURCE: PCT Int. Appl., 107 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 3
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2002070511	A1	20020912	WO 2002-US6479	20020302 <--
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZM, ZW				
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				

CA 2437594	A1	20020912	CA 2002-2437594		20020302 <--
AU 2002254095	A1	20020919	AU 2002-254095		20020302 <--
EP 1363898	A1	20031126	EP 2002-723310		20020302 <--
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR					
HU 2004001544	A2	20041228	HU 2004-1544		20020302 <--
JP 2005511475	T	20050428	JP 2002-569831		20020302
US 20030092732	A1	20030515	US 2002-90582		20020304 <--
US 6979691	B2	20051227			
US 20030096827	A1	20030522	US 2002-90288		20020304 <--
US 6713487	B2	20040330			
US 20040229882	A1	20041118	US 2003-696761		20031029 <--
US 7067525	B2	20060627			
US 20060025403	A1	20060202	US 2005-199464		20050808
PRIORITY APPLN. INFO.:			US 2001-273206P	P	20010302
			US 2001-273291P	P	20010302
			WO 2002-US6479	W	20020302
			US 2002-90288	A3	20020304
			US 2002-90582	A3	20020304

ASSIGNMENT HISTORY FOR US PATENT AVAILABLE IN LSUS DISPLAY FORMAT
OTHER SOURCE(S): MARPAT 137:232913
IT 457903-95-6P
RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(preparation of peptides for pharmaceutical use as modulators of melanocortin receptors)
RN 457903-95-6 CAPLUS
CN 4-Piperidinecarboxamide, 1-[(2S)-2-[[(2S)-2-(acetylamino)-3-(1H-imidazol-5-yl)-1-oxopropyl]amino]-3-(4-methoxyphenyl)-1-oxopropyl]-4-(phenylamino)- (CA INDEX NAME)

Absolute stereochemistry.



OS.CITING REF COUNT: 26 THERE ARE 26 CAPLUS RECORDS THAT CITE THIS RECORD (35 CITINGS)
REFERENCE COUNT: 2 THERE ARE 2 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L10 ANSWER 5 OF 16 CAPLUS COPYRIGHT 2010 ACS on STN
ACCESSION NUMBER: 2002:585090 CAPLUS
DOCUMENT NUMBER: 138:231272
TITLE: 1-Cysteine based N-type calcium channel blockers: structure-activity relationships of the C-terminal lipophilic moiety, and oral analgesic efficacy in rat pain models
AUTHOR(S): Seko, Takuya; Kato, Masashi; Kohno, Hiroshi; Ono, Shizuka; Hashimura, Kazuya; Takenobu, Yoshifumi; Takimizu, Hideyuki; Nakai, Katsuhiko; Maegawa,

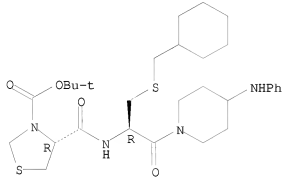
	Hitoshi; Katsube, Nobuo; Toda, Masaaki
CORPORATE SOURCE:	Minase Research Institute, Ono Pharmaceutical Co., Ltd., Shimamoto, Mishima, Osaka, 618-8585, Japan
SOURCE:	Bioorganic & Medicinal Chemistry Letters (2002), 12(17), 2267-2269 CODEN: BMCLE8; ISSN: 0960-894X
PUBLISHER:	Elsevier Science Ltd.
DOCUMENT TYPE:	Journal
LANGUAGE:	English

IT 253306-59-1
RL: PAC (Pharmacological activity); THU (Therapeutic use); BIOL (Biological study); USES (Uses)
(structure-activity relationship and oral analgesic efficacy of L-Cysteine based N-type calcium channel blockers in rat pain models)

RN 253306-59-1 CAPLUS

CN 3-Thiazolidinecarboxylic acid, 4-[[[(1R)-1-[[(cyclohexylmethyl)thio]methyl]-2-oxo-2-[4-(phenylamino)-1-piperidinyl]ethyl]amino]carbonyl]-, 1,1-dimethylethyl ester, (4R)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



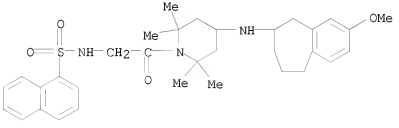
OS.CITING REF COUNT:	16	THERE ARE 16 CAPLUS RECORDS THAT CITE THIS RECORD (16 CITINGS)
REFERENCE COUNT:	15	THERE ARE 15 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L10 ANSWER 6 OF 16 CAPLUS COPYRIGHT 2010 ACS on STN

ACCESSION NUMBER:	2001:463221 CAPLUS
DOCUMENT NUMBER:	135:61247
TITLE:	Preparation of sulfonylaminomethylpiperidinylethylamines for antiobesity, antidiabetics, and antihypertensives
INVENTOR(S):	Sato, Yoshinari; Itani, Hiromichi; Ito, Tatsunobu; Sakata, Yoshihiko; Hatakeyama, Yoshifumi; Ohashi, Hiroko
PATENT ASSIGNEE(S):	Fujisawa Pharmaceutical Co., Ltd., Japan
SOURCE:	Jpn. Kokai Tokkyo Koho, 64 pp. CODEN: JKXXAF
DOCUMENT TYPE:	Patent
LANGUAGE:	Japanese
FAMILY ACC. NUM. COUNT:	1
PATENT INFORMATION:	

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 2001172257	A	20010626	JP 2000-302567	20001002 <--

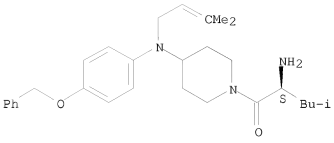
PRIORITY APPLN. INFO.: JP 1999-284407 A 19991005
OTHER SOURCE(S): MARPAT 135:61247
IT 345956-17-4P
RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(preparation of sulfonylaminomethylpiperidinylethylamines for antiobesity, antidiabetics, and antihypertensives)
RN 345956-17-4 CAPLUS
CN 1-Naphthalenesulfonamide, N-[2-oxo-2-[2,2,6,6-tetramethyl-4-[(6,7,8,9-tetrahydro-3-methoxy-5H-benzocyclohepten-6-yl)amino]-1-piperidinyl]ethyl]- (CA INDEX NAME)



OS.CITING REF COUNT: 2 THERE ARE 2 CAPLUS RECORDS THAT CITE THIS RECORD (2 CITINGS)

L10 ANSWER 7 OF 16 CAPLUS COPYRIGHT 2010 ACS on STN
ACCESSION NUMBER: 2000:530564 CAPLUS
DOCUMENT NUMBER: 133:246807
TITLE: Neuronal N-type calcium channel blockers: a series of 4-piperidinylaniline analogs with analgesic activity
AUTHOR(S): Hu, Lain-Yen; Ryder, Todd R.; Rafferty, Michael F.; Siebers, Krista M.; Malone, Thomas; Chatterjee, Arindam; Feng, M. Rose; Lotarski, Susan M.; Rock, David M.; Stoehr, Sally J.; Taylor, Charles P.; Weber, Mark L.; Miljanich, George P.; Millerman, Elizabeth; Szoke, Balazs G.
CORPORATE SOURCE: Parke-Davis Pharmaceutical Research, Division of Warner-Lambert Company, Ann Arbor, MI, 48105, USA
SOURCE: Drug Design and Discovery (2000), 17(1), 85-93
CODEN: DDDIEV; ISSN: 1055-9612
PUBLISHER: Harwood Academic Publishers
DOCUMENT TYPE: Journal
LANGUAGE: English
IT 250237-01-5P
RL: BAC (Biological activity or effector, except adverse); BPR (Biological process); BSU (Biological study, unclassified); PRP (Properties); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); PROC (Process); USES (Uses)
(design, synthesis, SAR studies of 4-piperidinylaniline analogs with analgesic activity)
RN 250237-01-5 CAPLUS
CN 1-Pentanone, 2-amino-4-methyl-1-[4-[(3-methyl-2-buten-1-yl)[4-(phenylmethoxy)phenyl]amino]-1-piperidinyl]-, (2S)- (CA INDEX NAME)

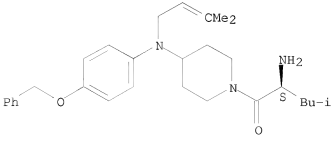
Absolute stereochemistry.



OS.CITING REF COUNT: 5 THERE ARE 5 CAPLUS RECORDS THAT CITE THIS RECORD (5 CITINGS)
REFERENCE COUNT: 27 THERE ARE 27 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L10 ANSWER 8 OF 16 CAPLUS COPYRIGHT 2010 ACS on STN
ACCESSION NUMBER: 2000:487670 CAPLUS
DOCUMENT NUMBER: 133:237817
TITLE: Synthesis and biological activity of 4-aminopiperidine derivatives as N-type calcium channel antagonists
AUTHOR(S): Ryder, Todd R.; Hu, Lain-Yen; Rafferty, Michael F.; Feng, M. Rose; Lotarski, Susan M.; Rock, David M.; Stoehr, Sally J.; Taylor, Charles P.; Weber, Mark L.; Miljanich, George P.; Millerman, Elizabeth; Szoke, Balazs G.
CORPORATE SOURCE: Department of Chemistry, Parke-Davis Pharmaceutical Research, Division Of Warner-Lambert Company, Ann Arbor, MI, 48105, USA
SOURCE: Medicinal Chemistry Research (2000), 10(1), 11-18
CODEN: MCREEB; ISSN: 1054-2523
PUBLISHER: Birkhaeuser Boston
DOCUMENT TYPE: Journal
LANGUAGE: English
IT 250237-01-5P
RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(synthesis and biol. activity of aminopiperidine derivs. as N-type calcium channel antagonists)
RN 250237-01-5 CAPLUS
CN 1-Pentanone, 2-amino-4-methyl-1-[4-[(3-methyl-2-buten-1-yl)[4-(phenylmethoxy)phenyl]amino]-1-piperidinyl]-, (2S)- (CA INDEX NAME)

Absolute stereochemistry.

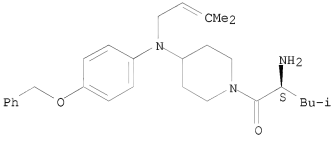


OS.CITING REF COUNT: 1 THERE ARE 1 CAPLUS RECORDS THAT CITE THIS RECORD

(1 CITINGS)
REFERENCE COUNT: 19 THERE ARE 19 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L10 ANSWER 9 OF 16 CAPLUS COPYRIGHT 2010 ACS on STN
ACCESSION NUMBER: 2000:454818 CAPLUS
DOCUMENT NUMBER: 133:171755
TITLE: The discovery of [1-(4-dimethylamino-benzyl)-piperidin-4-yl]-[4-(3,3-dimethylbutyl)-phenyl]-(3-methyl-but-2-enyl)-amine, an N-type Ca+2 channel blocker with oral activity for analgesia
AUTHOR(S): Hu, L.-Y.; Ryder, T. R.; Rafferty, M. F.; Taylor, C. P.; Feng, M. R.; Kuo, B.-S.; Lotarski, S. M.; Miljanich, G. P.; Millerman, E.; Siebers, K. M.; Szoke, B. G.
CORPORATE SOURCE: Department of Chemistry, Parke-Davis Pharmaceutical Research, Division of Warner-Lambert Company, Ann Arbor, MI, 48105, USA
SOURCE: Bioorganic & Medicinal Chemistry (2000), 8(6), 1203-1212
CODEN: BMECEP; ISSN: 0968-0896
PUBLISHER: Elsevier Science Ltd.
DOCUMENT TYPE: Journal
LANGUAGE: English
IT 250237-01-5P
RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(preparation of piperidinylanilines as calcium channel blockers and analgesics)
RN 250237-01-5 CAPLUS
CN 1-Pentanone, 2-amino-4-methyl-1-[4-[(3-methyl-2-buten-1-yl)[4-(phenylmethoxy)phenyl]amino]-1-piperidinyl]-, (2S)- (CA INDEX NAME)

Absolute stereochemistry.



OS.CITING REF COUNT: 26 THERE ARE 26 CAPLUS RECORDS THAT CITE THIS RECORD (26 CITINGS)
REFERENCE COUNT: 23 THERE ARE 23 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L10 ANSWER 10 OF 16 CAPLUS COPYRIGHT 2010 ACS on STN
ACCESSION NUMBER: 2000:15173 CAPLUS
DOCUMENT NUMBER: 132:64526
TITLE: Preparation of amino acid derivatives as N type calcium channel inhibitors
INVENTOR(S): Seko, Takuya; Kato, Masashi
PATENT ASSIGNEE(S): Ono Pharmaceutical Co., Ltd., Japan
SOURCE: PCT Int. Appl., 237 pp.

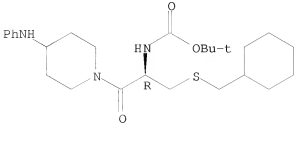
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: Japanese
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2000000470	A1	20000106	WO 1999-JP3409	19990625 <--
W: AU, BR, CA, CN, HU, JP, KR, MX, NO, NZ, RU, TR, US, ZA				
RW: AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE				
TW 245035	B	20051211	TW 1999-88110612	19990624
CA 2336162	A1	20000106	CA 1999-2336162	19990625 <--
AU 9945315	A	20000117	AU 1999-45315	19990625 <--
AU 759488	B2	20030417		
EP 1090912	A1	20010411	EP 1999-928205	19990625 <--
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, PT, IE, FI				
TR 2001000298	T2	20010621	TR 2001-298	19990625 <--
BR 9911515	A	20020122	BR 1999-11515	19990625 <--
HU 2001002369	A2	20020429	HU 2001-2369	19990625 <--
HU 2001002369	A3	20020528		
RU 2211830	C2	20030910	RU 2000-132729	19990625 <--
NZ 508757	A	20040227	NZ 1999-508757	19990625 <--
JP 3620644	B2	20050216	JP 2000-557231	19990625
CN 1269801	C	20060816	CN 1999-810097	19990625
ZA 2000007415	A	20020402	ZA 2000-7415	20001212 <--
MX 2000012599	A	20010405	MX 2000-12599	20001215 <--
NO 2000006646	A	20010226	NO 2000-6646	20001222 <--
US 6605608	B1	20030812	US 2000-720433	20001222 <--
US 20030232806	A1	20031218	US 2003-429793	20030506 <--
US 7351721	B2	20080401		
JP 2005068152	A	20050317	JP 2004-252307	20040831
JP 4214524	B2	20090128		

PRIORITY APPLN. INFO.:	JP 1998-195125	A	19980626
	JP 2000-557231	A3	19990625
	WO 1999-JP3409	W	19990625
	US 2000-720433	A3	20001222

ASSIGNMENT HISTORY FOR US PATENT AVAILABLE IN LSUS DISPLAY FORMAT
OTHER SOURCE(S): MARPAT 132:64526
IT 253306-27-3P
RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(preparation of amino acid derivs. as N type calcium channel inhibitors)
RN 253306-27-3 CAPLUS
CN Carbamic acid, [(1R)-1-[[(cyclohexylmethyl)thio]methyl]-2-oxo-2-[4-(phenylamino)-1-piperidinyl]ethyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

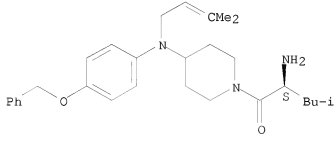
Absolute stereochemistry.



OS.CITING REF COUNT: 6 THERE ARE 6 CAPLUS RECORDS THAT CITE THIS RECORD (12 CITINGS)
REFERENCE COUNT: 5 THERE ARE 5 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L10 ANSWER 11 OF 16 CAPLUS COPYRIGHT 2010 ACS on STN
ACCESSION NUMBER: 1999:589098 CAPLUS
DOCUMENT NUMBER: 131:331730
TITLE: Synthesis of a Series of 4-Benzyloxyaniline Analogs as Neuronal N-Type Calcium Channel Blockers with Improved Anticonvulsant and Analgesic Properties
AUTHOR(S): Hu, Lain-Yen; Ryder, Todd R.; Rafferty, Michael F.; Feng, M. Rose; Lotarski, Susan M.; Rock, David M.; Sinz, Michael; Stoehr, Sally J.; Taylor, Charles P.; Weber, Mark L.; Bowersox, S. Scott; Miljanich, George P.; Millerman, Elizabeth; Wang, Yong-Xiang; Szoke, Balazs G.
CORPORATE SOURCE: Departments of Chemistry Neuroscience Therapeutics and Pharmacokinetics Dynamics and Metabolism, Parke-Davis Pharmaceutical Research Division of Warner-Lambert Company, Ann Arbor, MI, 48105, USA
SOURCE: Journal of Medicinal Chemistry (1999), 42(20), 4239-4249
CODEN: JMCMAR; ISSN: 0022-2623
PUBLISHER: American Chemical Society
DOCUMENT TYPE: Journal
LANGUAGE: English
IT 250237-01-5P
RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); PRP (Properties); RCT (Reactant); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation); RACT (Reactant or reagent)
(synthesis of 4-benzyloxyaniline analogs as neuronal N-type calcium channel blockers with improved anticonvulsant and analgesic properties)
RN 250237-01-5 CAPLUS
CN 1-Pentanone, 2-amino-4-methyl-1-[4-[(3-methyl-2-buten-1-yl)[4-(phenylmethoxy)phenyl]amino]-1-piperidinyl]-, (2S)- (CA INDEX NAME)

Absolute stereochemistry.



OS.CITING REF COUNT: 32 THERE ARE 32 CAPLUS RECORDS THAT CITE THIS RECORD (33 CITINGS)
REFERENCE COUNT: 48 THERE ARE 48 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L10 ANSWER 12 OF 16 CAPLUS COPYRIGHT 2010 ACS on STN
ACCESSION NUMBER: 1999:571302 CAPLUS
DOCUMENT NUMBER: 131:295124
TITLE: Structure-activity relationship at the proximal phenyl

group in a series of non-peptidyl N-type calcium channel antagonists

AUTHOR(S): Ryder, Todd R.; Hu, Lain-Yen; Rafferty, Michael F.; Lotarski, Susan M.; Rock, David M.; Stoehr, Sally J.; Taylor, Charles P.; Weber, Mark L.; Miljanich, George P.; Millerman, Elizabeth; Szoke, Balazs G.

CORPORATE SOURCE: Department of Chemistry, Parke-Davis Pharmaceutical Research, Division Of Warner-Lambert Company, Ann Arbor, MI, 48105, USA

SOURCE: Bioorganic & Medicinal Chemistry Letters (1999), 9(16), 2453-2458
CODEN: BMCLE8; ISSN: 0960-894X

PUBLISHER: Elsevier Science Ltd.

DOCUMENT TYPE: Journal

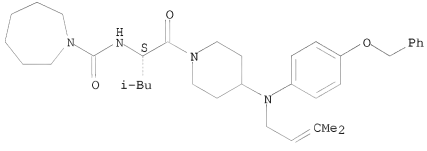
LANGUAGE: English

IT 247130-18-3, PD 181283
RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); PRP (Properties); BIOL (Biological study)
(structure-activity relationship at the proximal Ph group in a series of non-peptidyl N-type calcium channel antagonists)

RN 247130-18-3 CAPLUS

CN 1H-Azepine-1-carboxamide, hexahydro-N-[(1S)-3-methyl-1-[[4-[(3-methyl-2-buten-1-yl)[4-(phenylmethoxy)phenyl]amino]-1-piperidinyl]carbonyl]butyl]- (CA INDEX NAME)

Absolute stereochemistry.



OS.CITING REF COUNT: 13 THERE ARE 13 CAPLUS RECORDS THAT CITE THIS RECORD (13 CITINGS)

REFERENCE COUNT: 18 THERE ARE 18 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L10 ANSWER 13 OF 16 CAPLUS COPYRIGHT 2010 ACS on STN

ACCESSION NUMBER: 1999:126886 CAPLUS

DOCUMENT NUMBER: 130:196584

TITLE: Preparation of aniline derivatives as calcium channel blockers

INVENTOR(S): Hu, Lain-Yen; Rafferty, Michael Francis; Ryder, Todd Robert

PATENT ASSIGNEE(S): Warner-Lambert Company, USA

SOURCE: PCT Int. Appl., 137 pp.
CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 9907689	A1	19990218	WO 1998-US15907	19980729 <--

W: AL, AU, BA, BB, BG, BR, CA, CN, CZ, EE, GE, HR, HU, ID, IL, IS, JP, KR, LC, LK, LR, LT, LV, MG, MK, MN, MX, NO, NZ, PL, RO, SG, SI, SK, SL, TR, TT, UA, US, UZ, VN, YU, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM

RW: GH, GM, KE, LS, MW, SD, SZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG

AU 9887627	A	19990301	AU 1998-87627	19980729	<--
ZA 9807144	A	19990510	ZA 1998-7144	19980807	<--
US 6251918	B1	20010626	US 1999-402196	19990929	<--
US 20010023249	A1	20010920	US 2001-769798	20010125	<--
US 6495715	B2	20021217			
US 20030060632	A1	20030327	US 2002-252854	20020923	<--

PRIORITY APPLN. INFO.:	US 1997-55251P	P	19970811
	US 1998-82358P	P	19980420
	WO 1998-US15907	W	19980729
	US 1999-402196	A3	19990929
	US 2001-769798	A3	20010125

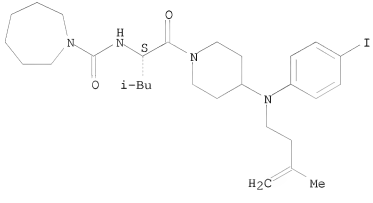
OTHER SOURCE(S): MARPAT 130:196584

IT 220741-65-1P
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
(alkynylation; preparation of aniline derivs. as calcium channel blockers)

RN 220741-65-1 CAPLUS

CN 1H-Azepine-1-carboxamide, hexahydro-N-[(1S)-1-[[4-[(4-iodophenyl)(3-methyl-3-buten-1-yl)amino]-1-piperidinyl]carbonyl]-3-methylbutyl]- (CA INDEX NAME)

Absolute stereochemistry.



OS.CITING REF COUNT: 5 THERE ARE 5 CAPLUS RECORDS THAT CITE THIS RECORD (7 CITINGS)

REFERENCE COUNT: 2 THERE ARE 2 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L10 ANSWER 14 OF 16 CAPLUS COPYRIGHT 2010 ACS on STN

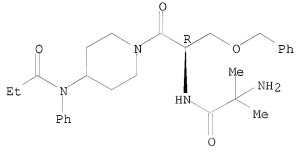
ACCESSION NUMBER:	1997:94071 CAPLUS
DOCUMENT NUMBER:	126:104431
ORIGINAL REFERENCE NO.:	126:20165a,20168a
TITLE:	Preparation of heterocyclic dipeptide derivatives which promote release of growth hormone
INVENTOR(S):	Carpino, Philip A.; Jardine DaSilva, Paul A.; Lefker, Bruce A.; Ragan, John A.
PATENT ASSIGNEE(S):	Pfizer Inc., USA
SOURCE:	PCT Int. Appl., 173 pp. CODEN: PIXXD2

DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 2
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE	
WO 9638471	A1	19961205	WO 1995-IB410	19950529	<--
W: CA, FI, JP, MX, US					
RW: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE					
CA 2220055	A1	19961205	CA 1995-2220055	19950529	<--
CA 2220055	C	20010424			
EP 828754	A1	19980318	EP 1995-918123	19950529	<--
EP 828754	B1	20050202			
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, PT, IE					
JP 10510511	T	19981013	JP 1995-511175	19950529	<--
JP 3133073	B2	20010205	JP 1996-511175	19950529	<--
AT 288444	T	20050215	AT 1995-918123	19950529	
ES 2235171	T3	20050701	ES 1995-918123	19950529	
NO 9602162	A	19961202	NO 1996-2162	19960528	<--
AU 9654554	A	19961212	AU 1996-54554	19960528	<--
CN 1143647	A	19970226	CN 1996-107637	19960528	<--
US 5936089	A	19990810	US 1997-973268	19971126	<--
FI 9704368	A	19971128	FI 1997-4368	19971128	<--
PRIORITY APPLN. INFO.:			WO 1995-IB333 A	19950508	
			WO 1995-IB410 W	19950529	

ASSIGNMENT HISTORY FOR US PATENT AVAILABLE IN LSUS DISPLAY FORMAT
OTHER SOURCE(S): MARPAT 126:104431
IT 185055-81-6P
RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(preparation of growth hormone-releasing dipeptides)
RN 185055-81-6 CAPLUS
CN Propanamide, 2-amino-2-methyl-N-[(1R)-2-oxo-2-[4-[(1-oxopropyl)phenylamino]-1-piperidinyl]-1-[(phenylmethoxy)methyl]ethyl]-, hydrochloride (1:1) (CA INDEX NAME)

Absolute stereochemistry.



● HCl

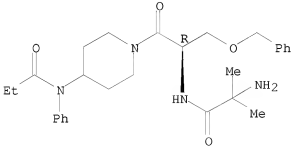
OS.CITING REF COUNT: 20 THERE ARE 20 CAPLUS RECORDS THAT CITE THIS RECORD (45 CITINGS)
REFERENCE COUNT: 4 THERE ARE 4 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L10 ANSWER 15 OF 16 CAPLUS COPYRIGHT 2010 ACS on STN
ACCESSION NUMBER: 1997:26293 CAPLUS
DOCUMENT NUMBER: 126:60362
ORIGINAL REFERENCE NO.: 126:11861a
TITLE: Preparation of heterocyclic dipeptide derivatives which promote release of growth hormone
INVENTOR(S): Carpino, Philip A.; Jardine DaSilva, Paul A.; Lefker, Bruce A.; Ragan, John A.
PATENT ASSIGNEE(S): Pfizer, Inc., USA
SOURCE: PCT Int. Appl., 158 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 2
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 9635713	A1	19961114	WO 1995-IB333	19950508 <--
W: CA, FI, JP, MX, US				
RW: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE				
AU 9654554	A	19961212	AU 1996-54554	19960528 <--
PRIORITY APPLN. INFO.:			WO 1995-IB333	A 19950508
			WO 1995-IB410	A 19950529

OTHER SOURCE(S): MARPAT 126:60362
IT 185055-81-6P
RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(preparation and growth hormone releasing activity of heterocyclic dipeptide derivs.)
RN 185055-81-6 CAPLUS
CN Propanamide, 2-amino-2-methyl-N-[(1R)-2-oxo-2-[4-[(1-oxopropyl)phenylamino]-1-piperidinyl]-1-[(phenylmethoxy)methyl]ethyl]-, hydrochloride (1:1) (CA INDEX NAME)

Absolute stereochemistry.

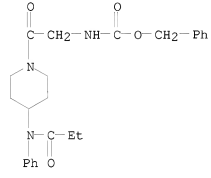


● HCl

OS.CITING REF COUNT: 13 THERE ARE 13 CAPLUS RECORDS THAT CITE THIS RECORD (16 CITINGS)
REFERENCE COUNT: 2 THERE ARE 2 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L10 ANSWER 16 OF 16 CAPLUS COPYRIGHT 2010 ACS on STN
ACCESSION NUMBER: 1983:161161 CAPLUS

DOCUMENT NUMBER: 98:161161
ORIGINAL REFERENCE NO.: 98:24471a,24474a
TITLE: Synthesis and evaluation of 1- and 2-substituted fentanyl analogs for opioid activity
AUTHOR(S): Essawi, Mohamed Y. H.; Portoghese, Philip S.
CORPORATE SOURCE: Coll. Pharm., Univ. Minnesota, Minneapolis, MN, 55455, USA
SOURCE: Journal of Medicinal Chemistry (1983), 26(3), 348-52
CODEN: JMCMAR; ISSN: 0022-2623
DOCUMENT TYPE: Journal
LANGUAGE: English
IT 85221-28-9P
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
(preparation and hydrogenolysis of)
RN 85221-28-9 CAPLUS
CN Carbamic acid, [2-oxo-2-[4-[(1-oxopropyl)phenylamino]-1-piperidinyl]ethyl]-, phenylmethyl ester (9CI) (CA INDEX NAME)



OS.CITING REF COUNT: 12 THERE ARE 12 CAPLUS RECORDS THAT CITE THIS RECORD (12 CITINGS)

=> logoff
ALL L# QUERIES AND ANSWER SETS ARE DELETED AT LOGOFF
LOGOFF? (Y)/N/HOLD:y

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	94.58	688.62

STN INTERNATIONAL LOGOFF AT 08:32:26 ON 19 MAY 2010